

## **AMENDMENTS TO THE ABSTRACT**

Please cancel the Abstract section of the specification and replace with the following:

A detection circuit and method for detecting data in a read data signal generated by a head ~~off~~for a perpendicular recording system is provided. The ~~detection circuit~~ includes a channel circuit to amplify the read data signal. A transient detector, ~~in response to detecting a transient in the read data signal,~~ generates a transient detect signal. A first path and a second path are coupled to an output of the channel circuit. The first path includes a first data detector that generates a first detected data signal in response to detecting data in the read data signal. ~~The~~A second path includes a series connected combination of a data filter and a second data detector. The filter generates a filtered data signal in which low frequency components of the read data signal are attenuated. The second data detector generates a second detected data signal in response to detecting data in the filtered data signal. ~~A switch is controllable, in response to the transient detect signal, to couple~~e~~Either the first detected data signal or the second detected data signal is coupled~~to a data processor. ~~The second detected data signal is coupled to the data processor when the transient detect signal indicates~~based on whether a transient is detected. ~~The first detected data signal is coupled to the data processor when the transient detect signal does not indicate a transient is detected.~~